



DAILY REPORT

**Project: South Dayton
Dump (SDD)**

Project #: 419879.FI.01

Date: 7/2/2013

Weather: Mostly Sunny

Precip: None

Temp: 68 ^{0F} 84 ^{0F}
Min Max

1. Personnel and Area(s) of Responsibility:

Name of Personnel	Hours	Employer	Location/Work Description
Brett Fishwild	0	CH2M HILL	Oversight of CRA's sampling
OsaguonaOgbebor	0	CH2M HILL	Oversight of CRA's sampling
Susan Kear	10	CH2M HILL	Oversight of CRA's sampling
Jason Close	10	CRA	Drilling, Logging of Cores and GW Sampling
Greg Lewis	0	CRA	Test Pit Excavation
Jeremy Teepen	10	CRA	Drilling, Logging of Cores and GW Sampling
Pat Cady	10	CRA	Drilling, Logging of Cores and GW Sampling
Dave Perez	10	CRA	Drilling, Logging of Cores and GW Sampling
Dean Boyle	10	CRA	Drilling, Logging of Cores and GW Sampling
Rick Hith	10	CRA	Drilling, Logging of Cores and GW Sampling
Sam Melesosky	0	CRA	Drilling, Logging of Cores and GW Sampling
Scott Kippen	10	CRA	Drilling, Logging of Cores and GW Sampling
Jason Hammann	4	Bloodhound	Utility Locate

3.

2. Work Performed Today:

- CRA drilled to 35 feet at BH-32-13, logging the lithology and collecting PID readings. Native soil was encountered at 27.5 feet. The water table was encountered at 28.5 feet. From 27.5-28.3 feet a clayey silt was encountered. A composite soil sample was tested with a Sudan IV kit from 28.5-30.5 feet the tests did not indicate NAPL. No significant PID readings were observed. A soil sample for VOCs was collected from this boring. 5 well volumes were purged at a high flow to reduce turbidity and 4 volumes utilizing low flow protocols. Then the well was sampled for VOC's and a duplicate was collected here. A peristaltic pump was used for this well.

- CRA drilled to 60 feet at BH-37-13, logging the lithology and collecting PID readings. Native soil was encountered at 22 feet. Water was encountered at 16-16.25 feet and 20.5-22 feet. The water table was encountered at 27 feet. Composite soil samples were tested with Sudan IV kits from 16-18 feet, 20.5-22.5 feet and 25-27 feet the tests did not indicate NAPL. No significant PID readings were observed. A clay layer was encountered from 31-32 feet. The remaining native soil was a combination of sand, gravel and silt. A soil VOC sample was collected at 25-27 feet. This well will be sampled on 7/8/13.

- CRA drilled to 60 feet at BH-44-13, logging the lithology and collecting PID readings. Native soil was encountered at 25.5 feet. The water table was encountered at 37.5 feet. A composite soil sample was tested with Sudan IV kits the tests did not indicate NAPL. PID readings of 205 ppm at 0-2 feet, 1390 ppm at 2-4 feet, 254 at 4-6 feet, 534 ppm at 6-8 feet and 66.7 ppm at 8-10 feet. Native soil was a combination of sand, gravel and silt. A soil sample was collected for VOCs and PCBs at 2-4 feet and 35.5-37.5. This well will be sampled on 7/8/13.

- CRA drilled to 35 feet at BH-46-13, logging the lithology and collecting PID readings. Water was encountered from 19.8-20.4 feet. The water table was encountered at 30 feet. PID readings of 236.2 ppm at 22 feet, 397 ppm at 25.5 feet, 222 at 28 feet and 234 ppm at 30 feet. The composite soil sample tested with a Sudan IV kit from 19.8-20.8 did not indicate NAPL. The composite soil sample tested with a Sudan IV kit from 30-31.5 had a pink film on the surface of the water, and 5 pinpricks per inch of red dye in both the liquid and the soil, this indicated NAPL. The composite soil sample tested with a Sudan IV kit from 32.5-34.5 had a pink film on the surface of the water, and 12 pinpricks per inch of red dye in both the liquid and the soil, this indicated NAPL. This well will be sampled on 7/8/13.

- CRA drilled to 35 feet at BH-46B-13, logging the lithology and collecting PID readings. This bore hole is a step out for BH-46-13. Native soil was encountered at 19.5 feet. The water table was encountered at 28 feet. A composite soil sample was tested with Sudan IV kit from 28-30 feet the tests did not indicate NAPL. No significant PID readings were observed. A Soil VOC sample was collected at 26.8-28.8 feet. This well will be sampled on 7/8/13.

Work Planned for the Next Day:

- On Monday July 8th CRA will continue DPT drilling, logging and sampling. They will be boring holes collecting groundwater samples and soil samples.

4. Comment(s) on Work Observed/Controversial Matters:

-CRA is completing Sudan IV testing at more locations than that specified in the USEPA approved work plan.

Susan Kear

Form Completed by